

JOB ADVERTISEMENT



Title: R&D Chemist – Polymers (BS level) or Associate Chemist – Polymers (PhD level)

Positions: 1

Start date: Summer 2020, before July 31st

Compensation: Annual salary, paid time off, health and dental insurance, stock options



Company Summary: UbiQD is an advanced materials company powering product innovations in agriculture, clean energy, and security. Our quantum dots enable industry leaders to harness the power of light. Licensing technology developed at Los Alamos National Laboratory, Massachusetts Institute of Technology, the University of Washington, and Western Washington University, Los Alamos, New Mexico-based UbiQD envisions a future where quantum dots are ubiquitous across a wide spectrum of applications. More information: UbiQD.com & UbiGro.com.

This Position: It is essential for the company to constantly improve its core technology with R&D. This new position at the company involves polymer nanocomposite R&D. Specifically, this includes utilizing design of experiments to explore the parameter space for QD polymer formulations. The R&D Chemist will run quality control tests for manufactured polymer materials, develop scale-up methods for successful formulations, experiment with extrusion methods, help maintain existing lab equipment, and develop new lab equipment. This position involves standing for extended periods of time, occasionally lifting heavy objects, and periodically presenting technical progress to the team and broader research community. Additionally, the company supports professional development and career advancement activities for employees.

Job Requirements

- Bachelor's degree (Ph.D. for Associate) in chemistry, materials, or similar discipline
- Experience and/or knowledge of polymer chemistry
- Experience with safe material handling in a chemistry lab setting
- Experience with Microsoft Office (especially Excel and Word)
- Ability to work independently with minimal supervision
- Ability to organize/analyze data and draw conclusions from technical data
- Residence in or re-location to Los Alamos, New Mexico
- Eligibility to work in the United States, over the age of 18

Desired Experience

- Polymer formulation, resin preparation, extrusion
- Radical polymerization, roll-to-roll coating, and/or extrusion
- Polymer mechanical testing and/or spectroscopy
- Semiconductor nanocrystal science, nanocomposites, ligand exchange
- Process development or design of experiments
- Chemistry lab upkeep and maintenance, equipment repair

Note: Applicants should be aware that working at an early-stage technology business involves a greater degree of risk than a larger established company. Compensation and benefits will reflect the company's evolving financial situation. UbiQD is an at-will, equal opportunity employer.

For more information or to apply please email Dr. Aaron Jackson: aaron@ubiqd.com